

**I CLAIM:**

1. A heat sink adapted to be connected to an electronic device for dissipating heat generated therefrom, said heat sink comprising a heat  
5 dissipating body having a visible outer surface and a thermo-chromic dye coated on said visible outer surface of said heat dissipating body, said thermo-chromic dye being capable of changing color in response to temperature change of said heat  
10 dissipating body.

2. The heat sink of claim 1, wherein said thermo-chromic dye changes color from transparent to red when temperature of said heat dissipating body changes from 40°C to 80°C.

15 3. A power supply, comprising a housing having a visible outer surface and a thermo-chromic dye coated on said visible outer surface of said housing, said thermo-chromic dye being capable of changing color in response to temperature change of said  
20 housing.

4. The power supply of claim 3, wherein said thermo-chromic dye changes color from transparent to red when temperature of said housing changes from 50°C to 70°C.

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